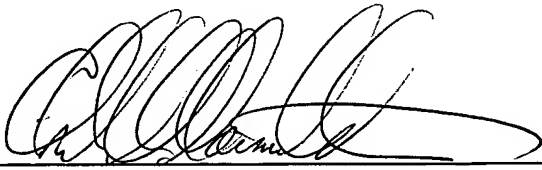


|   |   |  |   |
|---|---|--|---|
| FORM PTO-1390<br>(REV 5-93)   |   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NUMBER<br>103213-00099  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |   |  | DATE: September 20, 2004  |
|   |   |  | U.S. APPLICATION NUMBER<br>(IF KNOWN, SEE 37 C.F.R. 1.51)<br><b>10/507366</b><br>NEW PATENT APPLICATION |
| INTERNATIONAL APPLICATION NUMBER<br>PCT/JP03/03900  | INTERNATIONAL FILING DATE<br>March 27, 2003 | PRIORITY DATE CLAIMED<br>March 29, 2002                    |   |
| TITLE OF INVENTION: PRESSURE SENSOR   |   |  |   |
| APPLICANT(S) FOR DO/EO/US: Chiaki KOBAYASHI (Tottori, Japan), Daisuke SUMI (Tottori, Japan), Hiroshi INAMURA (Tottori, Japan), Togo MORIFUJI (Tottori, Japan), Koji YOSHIDA (Tottori, Japan), Masaki ENDO (Tottori, Japan), Sayaka HIURA (Tottori, Japan), Takao YAMAUCHI (Tottori, Japan)  |   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application into English [35 U.S.C. 371(c)(2)]. <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li> </ol> |   |  |   |
| Items 11 to 20 below concern other document(s) or information included:   |   |  |   |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; Form PTO-1449, International Search Report and References (4).</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Drawings (Figs. 1-17; 22 sheets), PCT/RO/101 (copy), WO 03/083426 A1 (copy)</li> </ol>  |   |  |   |

| U.S. APPLICATION NUMBER<br>(IF KNOWN, SEE 37 C.F.R. 1.50)<br>NEW PATENT APPLICATION<br><div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/507366</div>   |              | INTERNATIONAL APPLICATION<br>NUMBER<br>PCT/JP03/03900 |            | ATTORNEY DOCKET NUMBER<br>103213-00099<br><br>DATE: September 20, 2004  |    |              |              |  |  |
|--|--------------|---|------------|---|----|--------------|--------------|--|--|
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>Basic National Fee [37 C.F.R. 1.492(a)(1)-(5)]:</b><br>Search Report has been prepared by the EPO or JPO..... \$920.00<br>International preliminary examination fee paid to USPTO<br>(37 C.F.R. 1.482)..... \$730.00<br>No international preliminary examination fee paid to USPTO<br>(37 C.F.R. 1.482) but international search fee paid to USPTO<br>[37 C.F.R. 1.445(a)(2)]..... \$770.00<br>Neither international preliminary examination fee<br>(37 C.F.R. 1.482) or international search fee<br>[37 C.F.R. 1.445(a)(2)] paid to USPTO..... \$1,080.00<br>International preliminary examination fee paid to USPTO<br>(37 C.F.R. 1.482) and all claims satisfied provisions of<br>PCT Article 33(2)-(4)..... 100.00 |              |   |            | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td style="height: 100px;"></td> <td></td> </tr> </table> |    | CALCULATIONS | PTO USE ONLY |  |  |
| CALCULATIONS   | PTO USE ONLY |   |            |   |    |              |              |  |  |
|  |              |   |            |   |    |              |              |  |  |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |              |   |            | \$ 920.00   |    |              |              |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].   |              |   |            | \$  |    |              |              |  |  |
| Claims   | Number Filed | Number Extra  | Rate       |   |    |              |              |  |  |
| Total Claims   | 12 - 20 =    | 0   | X \$ 18.00 | \$ .00  |    |              |              |  |  |
| Independent Claims   | 1 - 3 =      | 0   | X \$ 86.00 | \$ .00  |    |              |              |  |  |
| Multiple dependent claim(s) (if applicable)  |              |   | + \$290.00 | \$ .00  |    |              |              |  |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |            | \$ 920.00   |    |              |              |  |  |
| Reduction by one-half for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28).   |              |   |            | \$  |    |              |              |  |  |
| <b>SUBTOTAL =</b>  |              |   |            | \$ 920.00   |    |              |              |  |  |
| Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)].   |              |   |            | \$  |    |              |              |  |  |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |            | \$ 920.00   |    |              |              |  |  |
| Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31).<br>\$40.00 per property  |              |   |            | \$  |    |              |              |  |  |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |            | \$ 920.00   |    |              |              |  |  |
|  |              |   |            | Amount to be refunded   | \$ |              |              |  |  |
|  |              |   |            | Charged   | \$ |              |              |  |  |
| a. <input checked="" type="checkbox"/> Check #412507 in the amount of \$920.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account Number 01-2300 in the amount of \$ .00 to cover the above fee.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account Number 01-2300.  |              |   |            |   |    |              |              |  |  |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  |              |   |            |   |    |              |              |  |  |
| SEND ALL CORRESPONDENCE TO:<br>Customer Number 004372<br>ARENT FOX PLLC<br>1050 Connecticut Avenue, NW<br>Suite 400<br>Washington, DC 20036-5339<br>Telephone: (202) 857-6000 Fax: (202) 638-4810  |              |   |            |   |    |              |              |  |  |
|  |              |   |            | <br>Charles M. Marmelstein<br>Registration Number 25,895  |    |              |              |  |  |
| CMM:vmh  |              |   |            |   |    |              |              |  |  |